



**US Army Corps
of Engineers®**

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6796
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L01-46

Date: 25 MAY 2001

Waterway: LAKE HURON

Location: MICHIGAN

CELRE-ET-OT-T

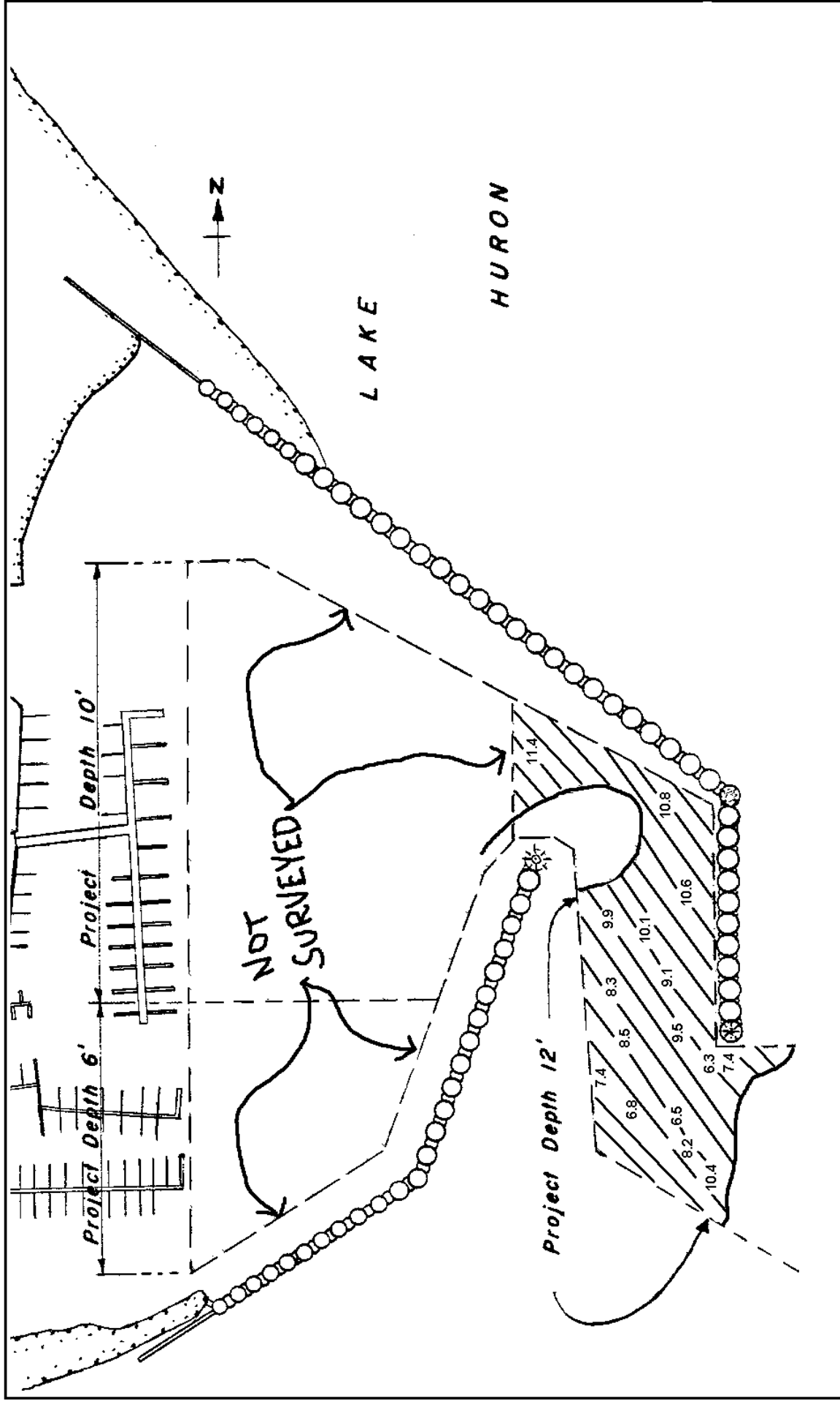
CONDITION OF FEDERAL NAVIGATION CHANNEL PORT SANILAC HARBOR

1. Condition surveys performed within the Federal navigation channel at Port Sanilac Harbor, Michigan during May 2001, indicate shoaling as shown on the back of this sheet.
2. Vessel operators should use caution when navigating within this area.
3. All inquiries should be addressed to CELRE-ET-OT-T and should refer to Notice to Navigation Interests No. L01-46. Internet address: <http://huron.lre.usace.army.mil/OandM/o&m.html>

RICHARD J. POLO, JR.
Lieutenant Colonel, U.S. Army
District Engineer

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2001.



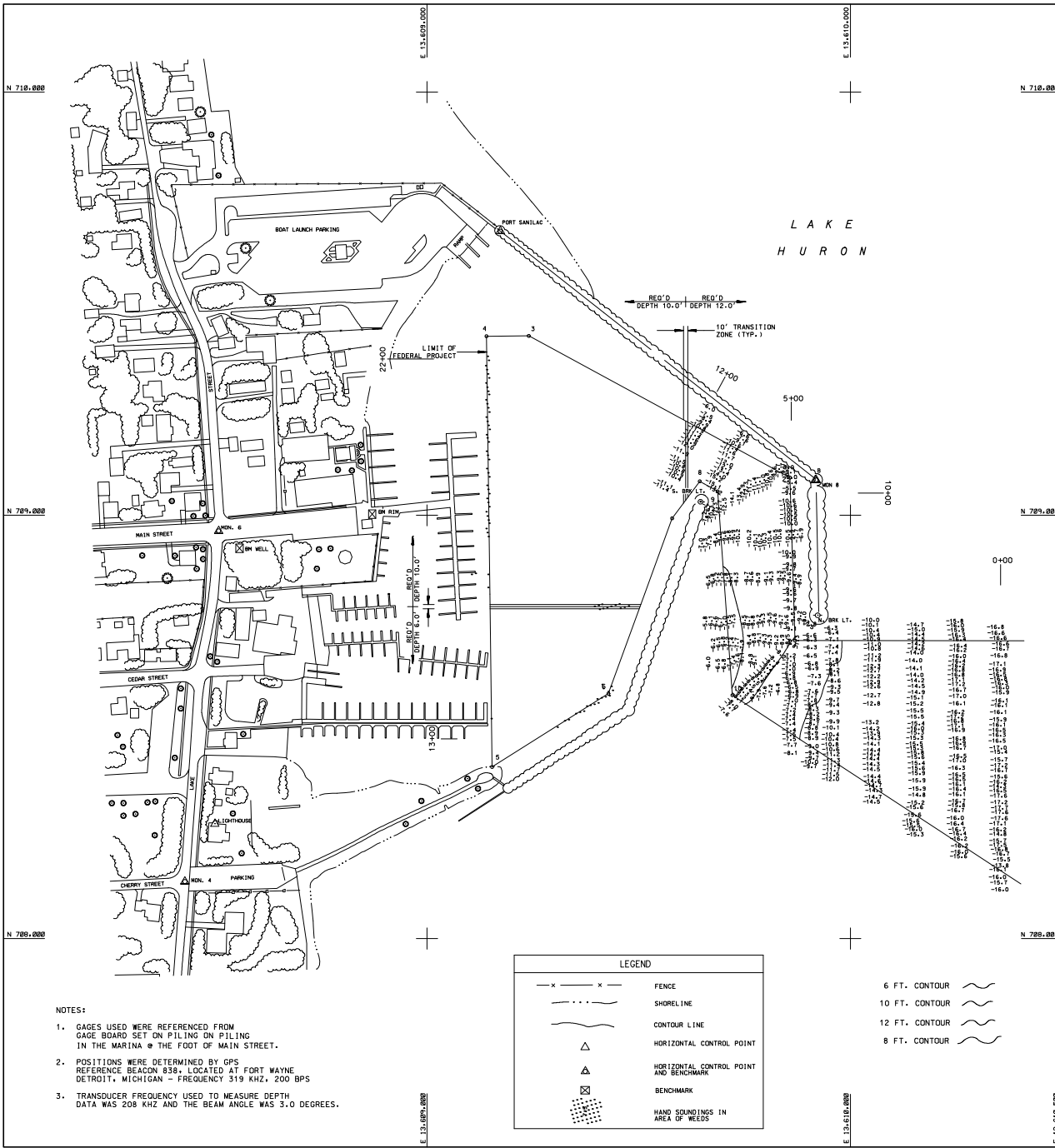
The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general conditions existing at that time.

Surveys taken: 19 MAY 2001
 tjpsen.bmp

Soundings are in feet and are referred to Low Water Datum 576.8 ft. above Mean water Level at Father Point, Quebec, IGLD, 1955.

Shoals indicate least available depth below I.G.L.D.

PORT SANILAC HARBOR, MI
 CONDITION OF CHANNEL
 ISSUED: 25 MAY 2001
 U.S. Army Engineer District, Detroit



LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985) AT ELEVATION 576.8 FT. ABOVE MEAN WATER LEVEL AT FATHER POINT, QUEBEC.

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

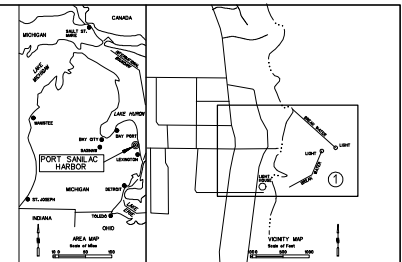
PROJECT DEPTHS

PROJECT DEPTHS ARE AS INDICATED ABOVE.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FRED LEECH, PARTY CHIEF, ABOARD THE USACOE SURVEY LAUNCH 3043.

AUTOMATED EQUIPMENT USED

POSITIONING: STARLINK DGPS
 DATA PROCESSOR: DELL PC
 SOFTWARE: COASTAL OCEANOGRAPHICS
 PLOTTER: ENCAD, CADJET 2
 SONIC SOUNDER: INNERSPACE 448

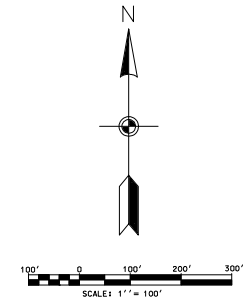


NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
- ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 576.8 FEET ABOVE SEA LEVEL I.G.L.D. 1985.
- PROJECT DEPTHS FOR THIS AREA ARE 6.0, 10.0, AND 12.0 FEET.
- THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (2113), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.

CHANNEL CONTROL DATA			
STATION NUMBER	DESCRIPTION	COORDINATES	
		NORTH	EAST
1	CHANNEL LINE	708104.134	13609889.288
2	CHANNEL LINE	708104.134	13609891.092
3	CHANNEL LINE	708423.935	13609246.384
4	CHANNEL LINE	708423.935	13609140.396
5	CHANNEL LINE	708405.285	13609153.718
6	CHANNEL LINE	708174.958	13609262.288
7	CHANNEL LINE	708992.746	13609878.893
8	CHANNEL LINE	708080.267	13609844.174
9	CHANNEL LINE	708056.614	13609866.368
10	CHANNEL LINE	708574.929	13609721.302

SURVEY CONTROL DATA			
STATION NUMBER	DESCRIPTION	COORDINATES	
		NORTH	EAST
PORT SANILAC		709.611.28	13.609.172.93
1		709.593.94	13.607.883.22
2		708.021.08	13.601.889.43
MON. 4		708.134.47	13.608.428.10
MON. 6		708.262.90	13.605.050.57
B (NGS)		709.083.36	13.609.916.91
IN BRK LT (NGS)		708.783.15	13.609.322.80
SUB BRK LT (NGS)		709.031.97	13.605.144.19
TANK (NGS)		709.950.28	13.605.074.38
CATH. CH (NGS)		709.511.15	13.591.953.58
COND. CH (NGS)		708.809.25	13.606.111.60
DRYHOUSE (NGS)		708.210.85	13.608.192.59
WETH. CH (NGS)		708.366.93	13.607.358.80
MON. 8		709.082.62	13.609.919.04
IN BRK LT			585.88
BM WELL			587.258



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY*	PORT SANILAC HARBOR, MI		
DRAWN BY*	CONDITION SOUNDINGS		
CHECKED BY*	C.S. 0+00 TO C.S. 22+00		
REVIEWED BY*	19 MAY 2001		
SUBMITTED BY*	DETROIT AREA OFFICE		
CHIEF, PROJ./OPNS. SECT.	CHIEF, DTS BRANCH	P.E.	
APPROVES*	SCALE AS SHOWN		
COL., C.E. DISTRICT ENGINEER	CADD FILE NAME	PSM01494.DGN	
CHIEF, CONST. - OPNS. DIVISION	DRAWING NUMBER		SHEET 1 OF 1